

Docket No.: 043887-0192

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Takehiko YAMASHITA, et al.	:	Confirmation Number: Not Yet Assigned
Application No.: 10/572,857	:	Group Art Unit: Not Yet Assigned
Filed: March 22, 2006	:	Examiner: Not yet assigned

For: FLAME-RETARDANT RESIN COMPOSITION, PRODUCTION METHOD OF THE SAME AND MOLDING METHOD OF THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of **JP 2002-173583 A** and the first non-patent document, is discussed in the specification.

10/572,857

Each of the 3rd through 8<sup>th</sup> foreign patent documents cited on page 1 of the attached form PTO-1449, was previously cited in an Information Disclosure Statement on March 22, 2006.

They are listed here in order to provide the Examiner with copies of these references.

Each reference cited on page 2 of the attached form PTO-1449 was first cited in a corresponding foreign application search report its relevance discussed therein. A copy of the foreign search report is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Michael E. Fogarty  
Registration No. 36,139

**Please recognize our Customer No. 20277  
as our correspondence address.**

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Facsimile: 202.756.8087  
**Date: November 21, 2006**

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				ATTY. DOCKET NO. <b>043887-0192</b>		SERIAL NO. <b>10/572,857</b>	
<b>(PTO-1449)</b>				APPLICANT <b>Takehiko YAMASHITA, et al.</b>			
				FILING DATE <b>March 22, 2006</b>		GROUP <b>Not Yet Assigned</b>	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number <- Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 2002-173583 A	06-21-2002		Corresponds to EP 1 213 111 A2		
		EP 1 213 111 A2	06-12-2002	SONY CORPORATION	Corresponds to JP 2002-173583 A	X	
		JP 2001-172489 A	6-26-2001	mitsubishi GAS CHEMICAL CO		JAPAN (w/English Abstract)	
		JP 2000-86965 A	3-28-2000	DAINCHISEIKA COLOR CHEM, et al.		JAPAN (w/English Abstract)	
		GB 2 187 193 A	9-3-1987	Gerald Scott, Dan Gilead		x	
		JP 2004-277706 A	10-7-2004	FUJITSU LTD		JAPAN (w/English Abstract)	
		JP 2004-263180 A	9-24-2004	mitsubishi PLASTICS IND		JAPAN (w/English Abstract)	
		JP 2004-131671 A	4-30-2004	FUJITSU LTD		JAPAN (w/English Abstract)	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		Shin SERIZAWA, et al., "Development of Kenaf Fiber Reinforced Poly(Lactic Acid) (PLA)," The 14 <sup>th</sup> annual meeting of Japan Society of Polymer Processing pre-print materials, 2003, pp 161-162					
		Kunihiko TAKEDA, "Science of new nano-scale material," How to create nanomaterial, November 30, 2003, Toyo Seiki Seisaku-sho, Ltd., pp 17-21					
		Narihrio MATSUDA, et al., "Fine Dispersion of Shape-Controlled and Modified Silica Particles in Molten Plastic," The 49 <sup>th</sup> annual meeting of the Society of Polymer Science, Japan Polymer preprints, 2000, p 534 II Pc086, Vol. 49, No. 3					
		Hiroaki SHIRASAKA, et al., "Flame resistance evaluation at particle fine dispersion polymer," The 50 <sup>th</sup> annual meeting of the Society of Polymer Science, Japan Polymer preprints, 2001, p 864 III Pc109, Vol. 50, No. 4					
		Takuya NAKAMURA, et al., "Combustion Phenomena of Polymer-Inorganic Porous Material Composites," The 39 <sup>th</sup> Symposium on Combustion, November 21-November 23, 2000, pp 507-508					
		Narihiro MATSUDA, et al., "Flame retardant of inorganic-organic hybrid materials in nano scale," the 10 <sup>th</sup> Polymer Material Forum, November 2001, pp 153-154					
		Kunihiko TAKEDA, "1999 Report of flame retardant project joint research," the 7 <sup>th</sup> Symposium New Developments in Flame Retardancy and Environment, August 8, 2000, pp 49-67					
		Data Book of Non-Bromine Flame Retardant Materials, New Energy and Industrial Technology Development Organization, March 25, 2003, pp 1-5, 68-69, 78-81, 88-89, 92-93, 102-103 and 137					
		Narihiro MATSUDA, et al., "Synthesis Process of nanocomposite by inorganic porous material dispersion with adjusted strength," The 35 <sup>th</sup> Autumn Annual Meeting of Society of Chemical Engineers, September 2002, p 674					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US	3,956,139	05-11-1976	Whelan, Jr.		
		US					
		US					
		US					
		US					
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		US					
		US					
		US					
		US					
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number -Kind Codes (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
		DE 43 25 849 A1		02-02-1995	BASF AG		GERMAN (w/Partial Translation)
		JP 2001-164463 A		06-19-2001	KANEBO LTD		English Abstract only
		JP 53-127484 A		11-07-1978	TOYOBO KK		English Abstract only
		EP 1 304 352 A2		04-23-2003	MATSUSHITA ELECTRIC INDSTRIL CO., LTD.		x
		JP 9-40762 A		02-10-1997	MATSUMOTO YUSHI SEIYAKU CO LTD		English Abstract only
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
EXAMINER				DATE CONSIDERED			

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